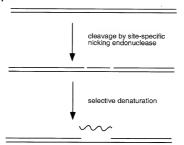
A. Gap Formation



B. Cohesive Termini Formation

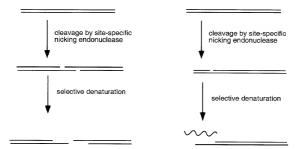
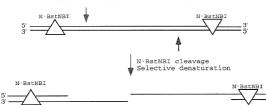


FIG. 1

0



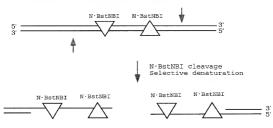
Creation of 5' Cohesive Ends



Creation of 3' Cohesive Ends



A.



Gap Creation

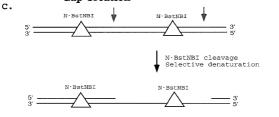
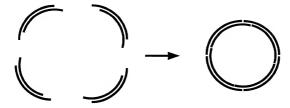


FIG. 2





B. Assembly



C. Branched Structures



D. Purification





Wash non-specific DNA from column



Elute desired DNA by selective denaturation



FIG. 3

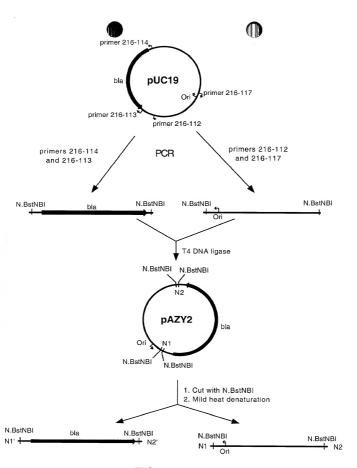


FIG. 4

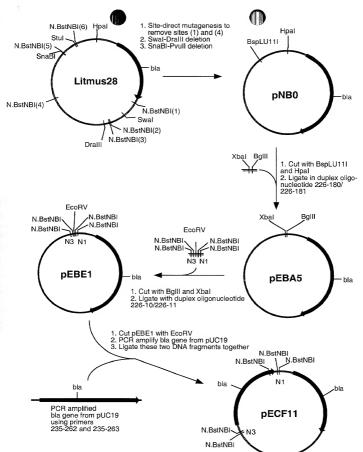
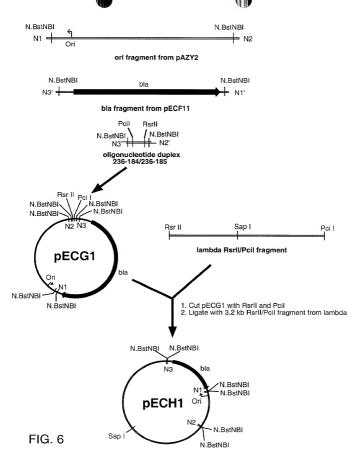


FIG. 5



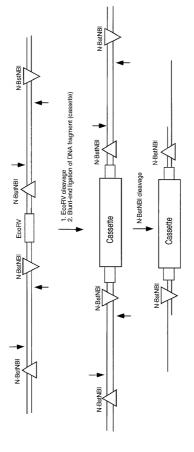


FIG. 7

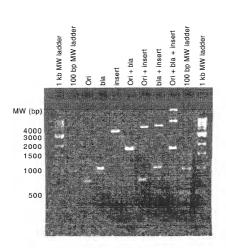


FIG. 8

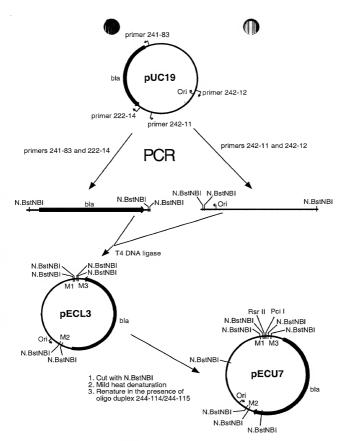


FIG. 9

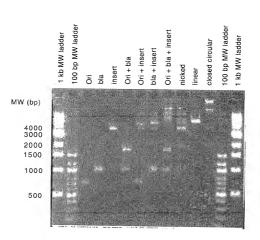


FIG. 10